WHAT IS CLAIMED IS:

1. A storing structure for storing an ink jet head comprising a nozzle communicated with an opening for discharging liquid, a liquid storing portion for storing the liquid to be supplied to said nozzle, and a liquid introduction portion for introducing the liquid into said liquid storing portion from exterior, wherein:

in said ink jet head, air is housed in said liquid storing portion and the liquid is contained at least in said nozzle, and a cap unit including an elastic cap for covering an area of said opening and a liquid absorbing member disposed in said elastic cap is closely contacted with and attached, around said opening, to a face in which said opening is formed, and said liquid introduction portion is communicated with atmosphere at least when inner pressure of said liquid storing portion is increased, thereby maintaining a space within said cap unit to a wetting condition.

2. A storing structure for storing an ink jet head comprising a plurality of nozzles communicated with openings for discharging liquid, a plurality of liquid storing portions for storing the liquid to be supplied to said nozzles, and a plurality of liquid introduction portions for introducing the liquid into said liquid storing portions form exterior, wherein:

in said ink jet head, air is housed in said liquid storing portions and the liquid is contained at least in said nozzles, and a cap unit including an elastic cap for covering an area of said openings and a liquid absorbing member disposed in said elastic cap is closely contacted with and attached, around said openings, to a face in which said openings are formed, and said liquid introduction portions are communicated with atmosphere at least when inner pressure of said liquid storing portions is increased, thereby maintaining a space within said cap unit to a wetting condition.

3. A storing structure according to claim 2, wherein each of said liquid introduction portions comprises an elastic member in which a slit is formed.

4. A storing structure according to claim 3, wherein a communication pipe for communicating the interior of the ink jet head and the exterior of the ink jet head is inserted into each of said liquid introduction portion.

5. A storing structure according to claim 4, wherein an insertion portion of a member to be inserted into each of said liquid introduction portion has a base end diameter greater than a tip end diameter.

6. A storing structure according to claim 4, wherein said insertion portion of said member is tapered to increase the diameter from a tip end to a base end.

7. A storing structure according to claim 2, wherein the liquid contained in said nozzles is ink not including color material.

8. A storing structure according to claim 2, wherein the liquid contained in said nozzles is ink.

9. A storing structure according to claim 7, wherein the liquid is held by a capilliary force of said nozzles.

10. A storing structure according to claim 2, wherein a contact pad for electrically connecting said ink jet head to an ink jet printer is provided on an outer surface of said ink jet head.

11. A storing structure according to claim 2, wherein said liquid absorbing member of said cap unit attached to said ink jet head is not contacted with the face in which said openings of the nozzles are formed.

12. A storing structure according to claim 2,

wherein said ink jet head in which said cap unit is attached to the face in which said openings of said nozzles are formed and atmosphere releasing members are inserted into said liquid introduction portions and said liquid absorbing member is urged against an atmosphere release port of said atmosphere releasing members is contained in a tray which is in turn sealingly housed in a bag made of material low gas permeability.

13. A storing structure according to claim 12, wherein said ink jet head is held within said tray in an inclined condition.

14. A storing structure according to claim 12, wherein said bag made of material low gas permeability is an aluminium bag.

15. A storing structure according to claim 2, wherein, in an ink jet head for effecting recording by discharging recording liquid from said openings of said nozzles, said cap unit detachable with respect to the face in which said openings of said nozzles, said cap unit detachable with respect to the face in which said openings of said nozzles are formed comprises:

a protection member for protecting the face of the ink jet head in which said openings of said nozzles

are formed;

an elastic cap secured to said protection member and closely contacted with the face in which said openings of said nozzles are formed to cover a nozzle area; and

a liquid absorbing member disposed within said elastic cap;

and wherein

said elastic cap is provided with an annular rib for closely contacting with outer periphery of the nozzle area to afford a closed space to the nozzle area.

16. A storing structure according to claim 15, wherein ink not including color material is loaded in said liquid absorbing member, and said liquid absorbing member is not contacted with the face in which said openings of said nozzles are formed in a condition that said cap unit is mounted to said ink jet head.

17. A storing structure according to claim 15, wherein said protection member is provided with a positioning portion capable of being positioned with respect to said ink jet head, and a clip-shaped engagement portion capable of being once expanded and then hooked with respect to said ink jet head.

18. A liquid filling method in a storage of an

ink jet head comprising a nozzle communicated with an opening for discharging liquid, a liquid storing portion for storing the liquid to be supplied to the nozzle, and liquid introduction portion for introducing the liquid into the liquid storing portion form exterior, comprising the steps of:

filling the liquid in said liquid storing portion;

discharging the liquid within said liquid storing portion by sucking the liquid filled in said liquid storing portion from the opening for a predetermined time period; and

attaching a cap unit to a face in which said opening is formed in a condition that said cap unit is closely contacted around said opening.